

| | | | | | | | |
|--------|------------|---|---------------|------------------|-----------|----------|--------------------|
| PubMed | Nucleotide | Protein | Genome | Structure | PopSet | Taxonomy | OMIM |
| Search | PubMed | for Melittin/analogs and derivatives [MESH] | | | | Go | Clear |
| | | Limits | Preview/Index | History | Clipboard | | |
| | | Display | Summary | Save | Text | Order | Details |
| | | Show: 20 | ▼ | Items 1-20 of 53 | | | Page 1 of 3 |
| | | | | | | | Select page: 1 2 3 |

Entrez PubMed

PubMed Services

Related Resources

1: [Kolusheva S, Boyer L, Jelinek R.](#) Related Articles
 A colorimetric assay for rapid screening of antimicrobial peptides.
Nat Biotechnol. 2000 Feb;18(2):225-7.
 PMID: 10657134; UI: 20124259

2: [Sharon M, Oren Z, Shai Y, Anglister J.](#) Related Articles
 2D-NMR and ATR-FTIR study of the structure of a cell-selective diastereomer of melittin and its orientation in phospholipids.
Biochemistry. 1999 Nov 16;38(46):15305-16.
 PMID: 10563816; UI: 20031528

3: [Oh D, Shin SY, Kang JH, Hahm KS, Kim KL, Kim Y.](#) Related Articles, Protein, Structure
 NMR structural characterization of cecropin A(1-8) - magainin 2(1-12) and cecropin A (1-8) - melittin (1-12) hybrid peptides.
J Pept Res. 1999 May;53(5):578-89.
 PMID: 10424354; UI: 99351640

4: [Rivett DE, Hewish D, Kirkpatrick A, Werkmeister J.](#) Related Articles
 Inhibition of membrane-active peptides by fatty acid-peptide hybrids.
J Protein Chem. 1999 Apr;18(3):291-5.
 PMID: 10395447; UI: 99321370

5: [Subbalakshmi C, Nagaraj R, Sitaran N.](#) Related Articles
 Biological activities of C-terminal 15-residue synthetic fragment of melittin: design of an analog with improved antibacterial activity.
FEBS Lett. 1999 Apr 1;448(1):62-6.
 PMID: 10217411; UI: 99231763

6: [Wolfe C, Cladera J, O'Shea P.](#) Related Articles
 Amino acid sequences which promote and prevent the binding and membrane insertion of surface-active peptides: comparison of melittin and promelittin.
Mol Membr Biol. 1998 Oct-Dec;15(4):221-7.
 PMID: 10087509; UI: 99187473

7: [Takei J, Remenyi A, Dempsey CE.](#) Related Articles
 Generalised bilayer perturbation from peptide helix dimerisation at membrane surfaces: vesicle lysis induced by disulphide-dimerised melittin analogues.
FEBS Lett. 1999 Jan 8;442(1):11-4.
 PMID: 9923594; UI: 99120469

8: [Takei J, Remenyi A, Clarke AR, Dempsey CE.](#) Related Articles
 Self-association of disulfide-dimerized melittin analogues.
Biochemistry. 1998 Apr 21;37(16):5699-708.

9: Ebeling SC, Kelly SM, O'Kennedy BT, Price NC, Sheehan D.

Related Articles

Surface activity properties of cysteine-substituted C-terminal melittin analogues.
Biochimie. 1997 Sep;79(8):503-8.
 PMID: 9451451; UI: 98113411

10: Perez-Paya E, Dufourcq J, Braco L, Abad C.

Related Articles

Structural characterisation of the natural membrane-bound state of melittin: a fluorescence study of a dansylated analogue.
Biochim Biophys Acta. 1997 Oct 23;1329(2):223-36.
 PMID: 9371414; UI: 98037465

11: Perez-Paya E, Porcar I, Gomez CM, Pedros J, Campos A, Abad C.

Related Articles

Binding of basic amphipathic peptides to neutral phospholipid membranes: a thermodynamic study applied to dansyl-labeled melittin and substance P analogues.
Biopolymers. 1997 Aug;42(2):169-81.
 PMID: 9234996; UI: 97378315

12: Baghian A, Jaynes J, Enright F, Kousoulas KG.

Related Articles

An amphipathic alpha-helical synthetic peptide analogue of melittin inhibits herpes simplex virus-1 (HSV-1)-induced cell fusion and virus spread.
Peptides. 1997;18(2):177-83.
 PMID: 9149288; UI: 97293315

13: Legendre JY, Trzeciak A, Bohrmann B, Deusdle U, Kitas E, Supersaxo A.

Related Articles

Dioleoylmelittin as a novel serum-insensitive reagent for efficient transfection of mammalian cells.
Bioconjug Chem. 1997 Jan-Feb;8(1):57-63.
 PMID: 9026036; UI: 97178646

14: Curcio-Vonlanthen V, Rolli H, Schneider CH.

Related Articles

Immunogenicity studies with haptened melittin peptides: implication for membrane involvement during the recognition step.
J Pept Sci. 1996 Jul-Aug;2(4):252-60.
 PMID: 9231333; UI: 97374958

15: Juvvadi P, Vunnam S, Merrifield EL, Boman HG, Merrifield RB.

Related Articles

Hydrophobic effects on antibacterial and channel-forming properties of cecropin A-melittin hybrids.
J Pept Sci. 1996 Jul-Aug;2(4):223-32.
 PMID: 9231329; UI: 97374954

16: Rivett DE, Kirkpatrick A, Hewish DR, Reilly W, Werkmeister JA.

Related Articles

Dimerization of truncated melittin analogues results in cytolytic peptides.
Biochem J. 1996 Jun 1;316 (Pt 2):525-9.
 PMID: 8687396; UI: 96257746

17: Marcos JF, Beachy RN, Houghten RA, Blondelle SE, Perez-Paya E.

Related Articles

Inhibition of a plant virus infection by analogs of melittin.
Proc Natl Acad Sci U S A. 1995 Dec 19;92(26):12466-9.
 PMID: 8618922; UI: 96109287

18: Midoux P, Mayer R, Monsigny M.

Related Articles

Membrane permeabilization by alpha-helical peptides: a flow cytometry study.
 12/19/00 3:27 PM

□ 19: Henk WG, Todd WJ, Enright FM, Mitchell PS.

Related Articles, Protein

The morphological effects of two antimicrobial peptides, hecate-1 and melittin, on *Escherichia coli*.

Scanning Microsc. 1995 Jun;9(2):501-7.
PMID: 8714745; UI: 96349376

□ 20: Baker KJ, East JM, Lee AG.

Related Articles

Mechanism of inhibition of the Ca^{2+} -ATPase by melittin.
Biochemistry. 1995 Mar 21;34(11):3596-604.
PMID: 7893656; UI: 95200861

| | | | | | | | |
|----------|---------|-------------------------------------|------|------|-------------|---------|--------------------|
| Display | Summary | <input checked="" type="checkbox"/> | Save | Text | Order | Details | Add to Clipboard |
| Show: 20 | ▼ | Items 1-20 of 53 | | | Page 1 of 3 | | Select page: 1 2 3 |

[Write to the Help Desk](#)

[NCBI](#) | [NLM](#) | [NIH](#)

[Department of Health & Human Services](#)
[Freedom of Information Act](#) | [Disclaimer](#)